

## State Water Resources Control Board

### UNDERGROUND STORAGE TANK (UST) CASE CLOSURE SUMMARY

#### Agency Information

Current Agency Name: Los Angeles Regional Water Quality Control Board (Los Angeles Water Board)	Address: 320 West 4 <sup>th</sup> Street, Suite 200 Los Angeles, CA 90013
Agency Caseworker: Mr. Noman Chowdhury	Case No.: R-09348
Former Agency Name: Los Angeles County Department of Public Works	Address: 900 South Fremont Avenue Alhambra, CA 91803-1331
Former Agency Caseworker: Mr. John Awujo	Case No.: 09530-09348

#### Case Information

UST Cleanup Fund Claim No.: N/A	Global ID: T0603704802
Site Name: Mobil #18-MKK	Site Address: 11861 Paramount Boulevard Downey, CA 90241 (Site)
Responsible Party: Circle K Stores, Inc. Attention: Mr. Rex Abacan	Address: 255 East Rincon, Suite 100 Corona, CA 92879
USTCF Expenditures to Date: N/A	Number of Years Case Open: 28

**URL:** [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603704802](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704802)

#### Summary

**This case has been proposed for closure by the State Water Resources Control Board at the request of the Los Angeles Water Board, which concurs with closure.**

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case meets all of the required criteria of the Policy.

The Site is currently an active fueling facility. The release at the Site was discovered in 1987 during a tank tightness test. The fuel dispensers and associated piping were replaced in 2001. Soil vapor extraction targeted events were conducted at the Site in April 2005, January 2011, and June 2011, removing 51.5 pounds of petroleum constituents. Seven groundwater over-purge events were conducted at the Site between March 2007 and October 2008, removing 5,297 gallons of impacted groundwater. In March 2008, a total of 10,288 gallons of groundwater were removed during an aquifer pump test. Eleven short-duration dual-phase extraction events were conducted at the Site between September 2009 and February 2013, extracting 6.9 pounds of petroleum constituents and 24,350 gallons of impacted groundwater.

Mobil #18-MKK  
11861 Paramount Boulevard, Downey

The nearest active water supply well and surface water body are greater than 1,000 feet from the Site. There is an inactive water supply well located approximately 190 feet northeast of the Site. The contaminant plume that exceeds water quality objectives (WQOs) is less than 1,000 feet in length. There is no free product. The dissolved concentrations of benzene and methyl tertiary-butyl ether are each less than 1,000 micrograms per liter.

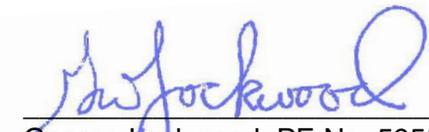
The affected groundwater is not currently used as a source of drinking water and is not expected to be used as a source of drinking water in the foreseeable future. Remaining petroleum constituents are limited, stable, and decreasing. Additional assessment would be unnecessary and will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety or the environment under current conditions.

### Rationale for Closure under the Policy

- General Criteria – Site **MEETS ALL EIGHT GENERAL CRITERIA** under the Policy.
- Groundwater Media-Specific Criteria – Site meets the criteria in **Class 5**. The regulatory agency determines, based on an analysis of site-specific conditions that under current and reasonably anticipated near-term future scenarios, the contaminant plume poses a low threat to human health, safety, and to the environment and WQOs will be achieved within a reasonable time frame.
- Petroleum Vapor Intrusion to Indoor Air Criteria – Site meets the **EXCEPTION** for vapor intrusion to indoor air. Exposure to petroleum vapors associated with historical fuel system releases are comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure Criteria – Site meets **Criteria 3 (a)**. Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy.

### Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, the environment and is consistent with chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control and the applicable water quality control plan, and case closure is recommended.

  
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George Lockwood, PE No. 59556  
Senior Water Resource Control Engineer

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Date

